UNIVERSITY OF HOHENHEIM

WINTER SEMESTER 2025/26

CURRICULUM

Environmental Science - Soil, Water and Biodiversity

Master of Science

Faculty of Agricultural Sciences | As of August 2025

Preamble

This curriculum provides applicants and students as well as teaching and administrative staff with comprehensive information about the M.Sc. program "Environmental Science - Soil, Water and Biodiversity". It contains information on the program structure and summarizes the most important exam regulations (issued the 13th May 2025).

The information presented reflects the current situation. Titles and contents of compulsory and optional modules are sometimes subject to change. For administrative reasons, such changes can only be included in printed materials with a delay. For this reason, we do not accept liability for the correctness of the information provided.

If in doubt, please contact the coordinator of the program (enveuro@uni-hohenheim.de) to obtain up-to-date information. For up-to-date module descriptions please refer to the website at uni-hohenheim.de/en/module-catalogue. Time schedules and lecture halls for all courses are displayed in the Course Catalog of the University of Hohenheim, available at the beginning of each semester online on the University's homepage: uni-hohenheim.de/en/course-catalog

Imprint

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The Master's Program Environmental Science – Soil, Water, and Biodiversity – "EnvEuro"

1 PROGRAM OBJECTIVES

The EnvEuro program focuses on the relationships between natural resource uses in Europe and their effects on the environment and society. It provides insights into European ecosystems and principles used in current European environmental management. Students will learn analytical and management tools as well as innovative technologies for sustainable production systems and natural resource use, especially in areas with high anthropogenic pressures. Six different specializations allow for an individually tailored M.Sc. program.

The EnvEuro program is designed as a double degree, which has been developed and is contributed to by the following universities: University of Hohenheim (Germany), Swedish University of Agricultural Science (Sweden), Wageningen University (The Netherlands) and the University of Natural Resources and Life Science Vienna (Austria), all members of the "Euroleague for Life Sciences". All students must change to one of the other partner universities after their first year of studies, the double degree structure is mandatory in this program. (https://www.enveuro.eu/about-enveuro1) The duration of the entire program is two years (four semesters) and the language of instruction is English.

2 DOUBLE DEGREE AND CAREER PERSPECTIVES

Upon successful completion of the M.Sc. program, a double degree diploma "Master of Science" (M.Sc.) in "Environmental Science – Soil, Water and Biodiversity" is issued. Students also receive a full master's degree certificate from both universities (home and host) where they have conducted their studies. This degree entitles the student to continue with a Ph.D./doctoral program if the total grade is above average.

The master's program aims to provide graduates with skills to work professionally as they identify, characterize, and solve problems related to the use of natural resources. This is based on insights into European ecosystems and principles used in current European environmental management.

Graduates will have excellent skills for jobs in all public and industrial sectors working on production optimization within the regulatory and legislative framework for maintaining high environmental and health standards.

Examples of EnvEuro graduates can be found here: uni-hohenheim.de/enveuro-alumni

2.1 Transfer of grades from the partner universities

The double degree structure of the EnvEuro program requires that students change to one of the three partner universities (host universities) in the second year of their studies. Once the remaining courses and the master's thesis have been completed at the host university, students have to send the transcript of records of the host university to the examinations office at the University of Hohenheim. The grades of the host university will be included in the transcript of records of Hohenheim. The transfer of the grades from the partner universities is calculated as follows:

	UHOH		SLU	BOKU	WUR
	grades	grade-points			
very good	A	1	5	1	10
	A-	1,3	*	*	9
good	B+	1,7	*	*	8,5
	B	2	*	2	8
	B-	2,3	4	*	*
medium	C+	2,7	*	*	7,5
	C	3	*	3	7
	C-	3,3	3	*	*
pass	D+	3,7	*	*	6,5
	D	4	*	4	6
fail	F	5	U	5	<6

UHOH = University of Hohenheim, Germany
SLU = Swedish University of Agricultural Sciences, Sweden
BOKU = University of Natural Resources and Life Science, Austria
WUR = Wageningen University, The Netherlands

3 PROGRAM DESIGN

The full program has 120 ECTS and is composed of 4 semester packages, each with a value of 30 ECTS (one basic semester package (BSP), two advanced semester packages (ASP 1 and ASP 2), and a thesis). All students start with common introduction days in Vienna in August in which participation is obligatory. (https://www.enveuro.eu/the-program/index)

Teaching starts in the end of August with an e-learning module "Environmental Management in Europe" (EME), introducing European environmental practices including legislation, regulation, monitoring/data collection, and policy

The first year (BSP and ASP 1) of the M.Sc. program is carried out at the home university. The second year (ASP 2 and thesis) is carried out at one of the partner universities (host university). The master's thesis has to be jointly supervised by a professor from the host university (first supervisor) and a professor from the home university (second supervisor).

The modules of all other partner universities can be found at: https://www.enveuro.eu/the-program/the-program

In the "Study Compass" you will find a comprehensive compilation of important information for your studies.

Information about modules, examinations, master's thesis, plan of blocked modules, AIDAHO program, additional offers, and much more is available there.

Make sure to consult the Study Compass and get familiar with the regulations!

3.1 Program Design of the M.Sc. "EnvEuro" with Hohenheim as Home University

University of Hohenheim Home university			**Host university (UCPH / SLU / BOKU)**	
First Semester: Basic Semester Package/BSP		**Second Semester:** Advanced Semester Package 1/ASP 1 (choose one)	**Third Semester:** Advanced Sem. Package 2/ASP 2 (choose one)	**Fourth Semester** Master's thesis
Introduction week and EME module (e-learning) 15 credits	3 modules 15 credits	**Soil Resources and Land Use** 30 credits **Ecosystems and Biodiversity** 30 credits **Environmental Management** 30 credits	**Water Resources** SLU, BOKU, or WUR, 30 credits **Soil Resources and Land Use** SLU, BOKU, or WUR, 30 credits **Ecosystems and Biodiversity** BOKU, or WUR, 30 credits **Environmental Management** SLU, 30 credits **Climate Change** BOKU, or WUR, 30 credits	SLU or BOKU or WUR 30 credits

UHOH = University of Hohenheim, Germany
SLU = Swedish University of Agricultural Sciences, Sweden
BOKU = University of Natural Resources and Life Science, Austria
WUR = Wageningen University, The Netherlands

3.2 Program Design of the M.Sc. "EnvEuro" with Hohenheim as Host University

University of Hohenheim Host university	
Third Semester: Advanced Sem. Package 2/ASP 2 (choose one)	**Fourth Semester** Master's thesis
Soil Resources and Land Use, 30 credits	30 credits
Ecosystems and Biodiversity, 30 credits	
Environmental Management, 30 credits	

4 MODULES AT THE UNIVERSITY OF HOHENHEIM

The BSP at Hohenheim consists of a compulsory intensive introduction course (in presence at BOKU university in Vienna), one compulsory e-learning module (EME), two semi-elective modules and one elective module.

The modules of the first and third semester (winter semester) last the full length of the semester (unblocked). The modules of the second semester (summer semester) are offered as blocked courses, each including three weeks of instruction, one week of individual preparation, and an exam at the end of week four.

4.1 Compulsory module of the BSP (first semester,15 credits)

Sem	Code	Name of Module	Duration	Credits	Professor
1	3005-410	Environmental Management in Europe (EME)	Intro-days + e-learning 1 semester	15	Bieling

4.2 Semi-elective modules of the BSP (first semester, two to choose,12 credits)

Sem	Code	Name of Module	Duration	Credits	Professor
1	3101-490	Environmental Soil Science	1 semester	6	Rennert
1	3103-510	Environmental Modeling * *(AIDAHO methods)	1 semester	6	Streck
1	3402-420	Quantitative Methods in Bioscience *(AIDAHO methods)	1 semester	6	Piepho
1	4303-410	Analyzing Sustainability in Agri-Food Systems	1 semester	6	Seufert
1	4903-500	Policy Processes in Agriculture and Natural Resource Management	1 semester	6	Birner
1	4906-410	Ecology and Agroecosystems	1 semester	6	Graß
1	4908-440	Livestock Production Systems and Development	1 semester	6	Rösel

** Limited number of participants. Please register for participation in ILIAS*

One more module (at least 3 credits) may be freely chosen from the module catalog of all master's programs offered by the Faculty of Agricultural Sciences.

On request to the examination board and with the approval of an academic counsellor, modules can be chosen from other Master's programs of the University of Hohenheim (see: uni-hohenheim.de/en/module-catalogue). Upon application, examinations taken at other universities can be recognized if the request is submitted within the first three months of the first semester in Hohenheim (deadlines: 31 December or 30 June).

4.3 Particularly recommended elective modules for the first semester

To complete the required 30 credits of the first semester, students must add at least one more elective module. Due to the irregular amount of credits of the EME course it can occur that students complete more than 30 credits or make use of the portfolio module to complete the remaining 3 credits.

The following table lists particularly recommended elective modules, but students are free to choose any other module from the module catalog of the master's programs of the Faculty of Agricultural Sciences (available at uni-hohenheim.de/en/module-catalogue).

Sem	Code	Name of Module	Duration	Credits	Professor
1	3201-610	Project in Landscape Ecology *	1 semester	6	Schurr
1	3202-420	Global Change Issues *	1 semester	6	Schweiger
1	3502-450	Population and Quantitative Genetics* *(AIDAHO methods)	1 semester	6	Schmid
1	4302-420	Ethical Reflection on Food and Agriculture*	1 semester	6	Bieling
1	4302-500	Transformation Studies in Agri-Food Systems	1 semester	6	Seufert
1	4303-420	Communicating Sustainability in Agri-Food Systems*	1 semester	6	Seufert
1	4303-480	Enacting Local Transformation in the Agri-Food System *	1 semester	6	Seufert
1	4605-430	Microbiological Safety within the Feed and Food Production Chain	1 semester	6	Hölzle
1	1102-400	Mathematics and Computational Sciences of the Earth System	1 semester	4	Zimmermann
1/3	5107-4X0	Principles of Data Science (AIDAHO-Basic)	1 Semester	6	Dimpfl
1-4	3000-410	Portfolio-Module (Master) (not graded, see module catalog)	Not defined	1 - 7.5	Kruse, M.
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

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4.4 Compulsory and semi-elective ASP1 modules at Hohenheim

In the second semester, students must choose one of the following specializations of **advanced semester package 1 (ASP1)**. These semester packages consist of three types of modules: compulsory, semi-elective, and elective. Students must combine the modules so that at least 30 credits are achieved. Two modules must be chosen from the list of semi-elective modules. Students may choose another elective module from the module catalog of the Master's programs of the Faculty of Agricultural Sciences (available at uni-hohenheim.de/en/module-catalogue).

(For the sequences of the blocked modules in Hohenheim's ASP1 see block plan on the „**Study Compass**" website)

4.4.1 Specialization "Environmental Management" – Agricultural Landscapes

Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3103-450	Spatial Data Analysis with GIS * *(AIDAHO application)	SS, block 1	7.5	Streck

Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
2	4905-430	Integrated Agricultural Production Systems	SS, block 2	7.5	Asch
2	4302-470	Landscape Change, Resilience, and Ecosystem Services *	SS, block 3	7.5	Bieling
2	4403-470	Renewable Energy for Rural Areas	SS, block 3	7.5	Müller, J.
2	3103-460	Environmental Science Project *	SS, block 4	7.5	Streck

Recommended Elective Modules (choose one)

One module with 7.5 ECTS may be freely chosen from the module catalog of all master's courses of the Faculty of Agricultural Sciences, e.g.:

Sem	Code	Elective Modules)	Duration	Credits	Professor
2	3201-620	Vegetation and Soils of Central Europe *	SS, block 2	7.5	Schmieder
2	4906-430	Field Course Agroecology and Biodiversity *	SS, block 2	7.5	Graß
2	4905-470	Biodiversity and Genetic Resources	SS, block 2	7.5	Martin
2	4907-430	Crop Production Affecting the Hydrological Cycle	SS, block 3	7.5	Asch
2	3101-570	Field Course Soils and Vegetation *	SS, block 3	7.5	Herrmann
2	4906-440	Agroecology and Biotic Resource Conserva-tion *	SS, block 3	7.5	Graß
2	3201-430	Ecology of Alpine Vegetation	SS, block 4	7.5	Schmieder
2	3201-600	Intensive Course Landscape Ecology*	SS, block 4	7.5	Schurr
2	3409-480	Fertilization and Soil Fertility Management in the Tropics and Subtropics	e-learning by arrange-ment	7.5	Müller, T.
2	3000-410	Portfolio-Module (Master) *(not graded, see module catalog*)	Not defined	7.5	Kruse, M.
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

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4.4.2 Specialization "Soil Resources and Land Use" – European and Worldwide Views

Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3103-450	Spatial Data Analysis with GIS* *(AIDAHO application)	SS, block 1	7.5	Streck

Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
2	3201-620	Vegetation and Soils of Central Europe *	SS, block 2	7.5	Schmieder
2	3102-440	Environmental Pollution and Soil Organisms *	SS, block 2	7.5	Kandeler
2	3101-570	Field Course Soils & Vegetation*	SS, block 3	7.5	Herrmann
2	3409-480	Fertilization and Soil Fertility Management in the Tropics and Subtropics	e-learning by arrangement	7.5	Müller, T.
2	3102-420	Project in Soil Sciences *	by arrangement	7.5	Kandeler

Recommended Elective Modules (choose one)

One module with 7.5 ECTS may be freely chosen from the module catalog of all master's courses of the Faculty of Agric. Sciences, e.g.:

Sem	Code	Elective Module	Duration	Credits	Professor
2	4905-470	Biodiversity and Genetic Resources	SS, block 2	7.5	Martin
2	4906-430	Field Course Agroecology and Biodiversity *	SS, block 2	7.5	Graß
2	4906-440	Agroecology and Biotic Resource Conservation*	SS, block 3	7.5	Graß
2	4907-430	Crop Prod. Affecting the Hydrological Cycle	SS, block 3	7.5	Asch
2	4302-470	Landscape Change, Resilience, and Ecosystem Services *	SS, block 3	7.5	Bieling
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	3201-430	Ecology of Alpine Vegetation	SS, block 4	7.5	Schmieder
2	3202-460	Plant Ecology of Cultural Landscapes	by arrangement	7.5	Schweiger
2	3101-420	Int. Field Course Site Evaluation *	Sept. 2025	7.5	Herrmann

Sem	Code	Elective Module	Duration	Credits	Professor
2	3000-410	Portfolio-Module (Master) (not graded, see module catalog)	Not defined	7.5	Kruse, M.
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

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4.4.3 Specialization "Ecosystems and Biodiversity" – From Genes to Landscapes

Sem	Code	Compulsory Module	Duration	Credits	Professor
2	3201-590	Combining Ecological Models and Data* *(AIDAHO application)	SS, block 1	7.5	Schurr

Sem	Code	Semi-elective Modules (choose two)	Duration	Credits	Professor
2	4905-470	Biodiversity and Genetic Resources	SS, block 2	7.5	Martin
2	4302-470	Landscape Change, Resilience, and Ecosystem Services *	SS, block 3	7.5	Bieling
2	4906-440	Agroecology and Biotic Resource Conservation	SS, block 3	7.5	Graß
2	3201-600	Intensive Course Landscape Ecology*	SS, block 4	7.5	Schurr
2	3202-460	Plant Ecology of Cultural Landscapes	by arrangement	7.5	Schweiger

Recommended Elective Modules (choose one)

One module with 7.5 ECTS may be freely chosen from the module catalog of all master's courses of the Faculty of Agricultural Sciences, e.g.:

Sem	Code	Elective Module	Duration	Credits	Professor
2	4906-430	Field Course Agroecology and Biodiversity	SS, block 2	7.5	Graß
2	3201-620	Vegetation and Soils of Central Europe*	SS, block 2	7.5	Schmieder
2	3101-570	Field Course Soils and Vegetation *	SS, block 3	7.5	Herrmann
2	3103-460	Environmental Science Project	SS, block 4	7.5	Streck
2	3201-430	Ecology of Alpine Vegetation	SS, block 4	7.5	Schmieder
2	1916-400	Pathogens, Parasites and their Hosts, Ecology, Molecular Interactions and Evolution	SS, block 4 (summer school)	7.5	Mackenstedt
2	3101-420	Int. Field Course Site Evaluation (Eng. + Ger.)*	Sept. 2025	7.5	Herrmann
2	3000-410	Portfolio-Module (Master) (not graded, see module catalog)	Not defined	7.5	Kruse, M.
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

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4.5 Hohenheim's ASP2

The modules offered for incoming students who chose Hohenheim as their host university are listed below.

The modules in ASP2 comprise two types of modules: semi-elective and elective. Students must combine semi-elective modules of their specialization so that a minimum of 12 credits is achieved. In addition, students may choose elective modules from the module catalog of the Faculty of Agricultural Sciences (not listed here, available at uni-hohenheim.de/en/module-catalogue). The semi-elective modules of ASP2 at Hohenheim are listed below.

4.5.1 Specialization: Environmental Management

Sem	Code	Semi-elective Modules (choose at least two)	Duration	Credits	Professor
3	4904-460	Farm System Modelling	1st half of semester	6	Berger
3	4901-420	Poverty and Development Strategies	1 semester	6	Zeller
3	4902-440	Economics and Environmental Policy	1 semester	6	Boysen-Urban
3	4406-410	Waste Management and Waste Techniques	1 semester	6	Hafner
3	4302-420	Ethical Reflection on Food and Agriculture *	1 semester	6	Bieling

Recommended Elective Modules

Additional elective modules may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences so that a total of 30 credits is reached, e.g.:

Sem	Code	Elective Module	Duration	Credits	Professor
3	1920-570	Nature-Based Solutions - Case Study	1 semester	6	Steidle
3	3202-420	Global Change Issues *	1 semester	6	Schweiger
3	3402-480	Environmental and Ecological Statistics	1 semester	6	Piepho
3	4303-420	Communicating Sustainability in Agri-Food Systems*	1 semester	6	Seufert
3	4303-480	Enacting Local Transformation in the Agri-Food System	1 semester	6	Seufert
3	4407-510	Intelligent Robotics for Agriculture	1 semester	6	Stein
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

4.5.2 Specialization Soil Resources and Land Use

Sem	Code	Semi-elective Modules (choose at least two)	Duration	Credits	Professor
3	3409-480	Fertilization and Soil Fertility Management in the Tropics and Subtropics	1 semester e-learning	7.5	Müller, T.
3	3102-420	Project in Soil Sciences	by arrangement	7.5	Kandeler
3	3408-450	Plant Symbioses for Nutrient Acquisition	1 Semester	6	Ludewig
3	4403-440	Irrigation and Drainage Technology	1 Semester	6	Müller, J.
3	3409-440	Soil Fertility and Fertilization in Organic Farming	1 Semester	6	Müller, T.

Recommended Elective Modules

Additional elective modules may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences so that a total of 30 credits is reached, e.g.:

Sem	Code	Elective Module	Duration	Credits	Professor
3	1301-470	Chemistry of the Earth System and Pollution	1 Semester	6	Kühnel
3	3080-440	Agricultural Production and Residues	1 Semester	6	Gallmann
3	3103-410	Plant and Crop Modeling *(AIDAHO application)	in March	6	Priesack
3	3101-490	Environmental Soil Science	1 Semester	6	Rennert
3	3103-510	Environmental Modeling *(AIDAHO methods)	1 Semester	6	Streck
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho
3	4302-420	Ethical Reflection on Food and Agriculture *	1 Semester	6	Bieling
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

4.5.3 Specialization: Ecosystems and Biodiversity (Alternative 1, unblocked)

Sem	Code	Semi-elective Modules (choose at least two)	Duration	Credits	Professor
3	3103-510	Environmental Modeling * *(AIDAHO methods)	1 Semester	6	Streck
3	3201-610	Project in Landscape Ecology *	1 Semester	6	Schurr
3	3502-450	Population and Quantitative Genetics *(AIDAHO methods)	1 Semester	6	Schmid
3	4302-420	Ethical Reflection on Food and Agriculture *	1 Semester	6	Bieling
3	4906-410	Ecology and Agroecosystems *	1 Semester	6	Graß

Recommended Elective Modules

Additional elective modules may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences so that a total of 30 credits is reached, e.g.:

Sem	Code	Elective Module	Duration	Credits	Professor
3	3201-420	Methods in Landscape and Plant Ecology * *(AIDAHO application)	4 weeks in March	7.5	Schurr
3	3402-480	Environmental and Ecological Statistics	1 Semester	6	Piepho
3	3603-480	Entomology *	1 Semester	6	Petschenka
(3)/4	3201-480	International Field Course Mediterranean Ecosystems (offered only in even-numbered years)	Feb./Mar.+ SS, block 1	7.5	Schmieder
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

4.5.4 Specialization: Ecosystems and Biodiversity (Alternative 2, blocked)

Sem	Code	Semi-elective Modules (choose at least two)	Duration	Credits	Professor
3	3201-560	Landscape Ecology *	Block 1, WS	7.5	Schurr
3	3201-570	Community and Evolutionary Ecology *	Block 2, WS	7.5	Schurr
3	3201-580	Conservation Biology *	Block 3, WS	7.5	Dieterich
3	3202-440	Plant Ecology*	Block 4, WS	7.5	Schweiger
3	3201-420	Methods in Landscape and Plant Ecology * *(AIDAHO application)	4 weeks in March	7.5	Schurr

Recommended Elective Modules

Sem	Code	Elective Module	Duration	Credits	Professor
1-4	3000-420	UNIcert® III English for Scientific Purposes	Not defined	7,5	Kruse, M.
1-4	3000-560	Deutsch als Fremdsprache UNIcert® II (B2)	Not defined	7,5	Hölzle

** Limited number of participants. Please register for participation in ILIAS*

Additional elective modules may be freely chosen from the module catalog of all Master's courses of the Faculty of Agricultural Sciences so that a total of 30 credits is reached.

5 MASTER'S THESIS

The master's thesis shows that the candidate can work independently on a problem in the field of Environmental Sciences within a fixed period by applying scientific methods. The exam consists of a written (thesis) and an oral (defense) part. It is usually written during the fourth semester at the host university. Thesis work includes a literature review, new and original data derived from fieldwork, lab work, or literature research, a period of writing-up, and, finally, a presentation. The candidate must defend the essential arguments, results, and methods of the thesis in a colloquium.

EnvEuro students carry out the master's thesis at their host university, with the main supervisor from the host university and the second supervisor from the home university. The specific rules of the host university apply.

6 ARTIFICIAL INTELLIGENCE AND DATA SCIENCE IN HOHENHEIM (AIDAHO)

The program is designed for students of all faculties. The aim of AIDAHO is to increase the expertise of its participants in the fields of Artificial Intelligence (AI), Data Science and Scientific Computing. Students can enroll in the certificate in addition to their main course of study: **aidaho.uni-hohenheim.de/en**.

How to achieve the certificate

To successfully complete the program, students must pass at least five AIDAHO modules (30 ECTS).

- There are **three mandatory basic modules** that all participants must complete. The courses of these modules teach basic programming skills and statistical methods.
- In the **two semi-elective specialization modules** students can deepen their *methodological skills* and choose to work on data projects in *application* seminars.

For better planning, modules which are part of the AIDAHO program, are marked across the curriculum with an asterisk and a note whether it is a basic, an application or a methodological module.

7 KEY CONTACTS FOR THE ENVEURO PROGRAM

7.1 EnvEuro Program Director and Head of the Examination and Admission Committee at UHOH

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7.2 Academic Counselling

Academic counsellors advise students on their choice of modules to design their individual study profile and to support smooth and focused study progress. If a student wants to select modules offered by a faculty other than the Faculty of Agricultural Sciences, they must be approved by the academic counsellor or the program coordinator beforehand. Students can contact these counsellors at any time and ask for an appointment.

Academic counsellors for EnvEuro:

- **Prof. Dr. Claudia Bieling** (specialization: Environmental Management), claudia.bieling@uni-hohenheim.de
- **Prof. Dr. Frank Schurr** (specialization: Ecosystems and Biodiversity), frank.schurr@uni-hohenheim.de
- **Prof. Dr. Thilo Streck** (specializations: Soil Resources and Land Use, Climate Change, Environmental Impacts), thilo.streck@uni-hohenheim.de

7.3 EnvEuro Program Coordinator at UHOH

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